

POSTED SPEED LIMIT (km/h)	DISTANCE FROM HOLDING LINE (m)
≤ 60	80-120
70-80	120-180

TABLE 1: LOCATION OF ADVANCE WARNING SIGN

NOTES:

- DIMENSION ALL SIGN LOCATIONS AND PAVEMENT MARKINGS FROM KNOWN POINTS, SUCH AS MEDIAN NOSES.
- STREET LIGHTING SHALL MEET AS1158 REQUIREMENTS.
- LANDSCAPING SHALL COMPLEMENT SIGHT LINE REQUIREMENTS. ENSURE THAT MATURE PLANTINGS DO NOT EXCEED 600mm IN HEIGHT.
- REVIEW SPEED CONTROLS ON APPROACHES AND REDUCED SPEED LIMITS OR REVERSE CURVE GEOMETRY. IF REQUIRED REFER TO DRG No 200331-0203.
- SET OUT GIVE WAY LINES AS PER THE DETAIL.
- WHERE APPLICABLE, TERMINATE THE SEALED SHOULDER BEFORE AND AFTER THE ROUNDABOUT AS SHOWN IN THE DETAIL.
- START SPECIAL PURPOSE LINE FROM A LINE DRAWN TANGENTIALLY FROM THE CENTRAL ISLAND TO THE SPLITTER ISLAND EXIT EDGE LINE AT THE PREVIOUS EXIT.
- END SPECIAL PURPOSE LINE A MINIMUM OF ONE LINE MODULE (12m) PAST THE EXIT MEDIAN KERB NOSING.
- REFER TO MRWA SUPPLEMENT TO: "AUSTRROADS GUIDE TO ROAD DESIGN PART 4B", FOR EXAMPLES OF ALTERNATIVE LANE CONFIGURATIONS.
- INSTALL WHITE UNIDIRECTIONAL RRPMS TO BROKEN LANE LINES AS PER DRG No. 203113-0026 AND MAIN ROADS WA WARRANTS.
- FOR DETAILS OF OUTLINE MARKING OFFSETS FROM MEDIANS REFER TO MRWA PAVEMENT MARKING GUIDELINES.
- FOR LOCATION OF ADVANCE WARNING SIGNS MR-WDAD REFER TO TABLE 1.
- WHERE CIRCULATING CARRIAGEWAY LANE WIDTHS EXCEED 5.5m CONSIDERATION SHOULD BE GIVEN TO PROVIDING ENCROACHMENT AREAS. REFER TO: DRG 201231-0014, AUSTRROADS PART 4B - FIG 4.11, AND MAIN ROADS WA SUPPLEMENT 4.6.3.
- THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS AND AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.
- MR-HM-1 OR G2-2 SIGN MAY BE REQUIRED IF ADDITIONAL NIGHT TIME DELINEATION IS NEEDED.
- FOR LARGE ROUNDABOUTS (PARTICULARLY GRADE SEPARATED) WHERE THE OTHER APPROACH LEGS MAY BE DIFFICULT TO SEE, IT MAY BE POSSIBLE THAT THE PRESENCE OF RIGHT TURN ARROWS MAY ENCOURAGE DRIVERS TO TURN THE WRONG WAY INTO THE CIRCULATING CARRIAGEWAY. IN THESE INSTANCES RIGHT TURN ARROWS MAY BE REMOVED/REPLACED WITH STRAIGHT AHEAD ARROWS.
- THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE AND THE AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.

AMENDMENTS

No.	DESCRIPTION	APPROVED & DATE
12	NOTE 9 & HOLDING LINE EXCERPT AMENDED. MR-HM-1 AND MR-HM-3 SIGNS UPDATED.	D.NICHOLLS 16/5/18
13	NOTES 4, 5, 7, 10, 13, 14 & MISC. DRAWING NOTES AMENDED. NOTES 15 & 16 ADDED.	R.KOORENGEVEL 15/4/21 C.M. 5/7/23
14	TITLE BLOCK AND REFERENCES UPDATED.	A. Bonner 22/11/2023
15	REQUIREMENT FOR SPECIAL PURPOSE LINE TO BE LONG LIFE MATERIAL ADDED.	

NOTES

1. DIMENSION ALL SIGN LOCATIONS AND PAVEMENT MARKINGS FROM KNOWN POINTS, SUCH AS MEDIAN NOSES.

2. STREET LIGHTING SHALL MEET AS1158 REQUIREMENTS.

3. LANDSCAPING SHALL COMPLEMENT SIGHT LINE REQUIREMENTS. ENSURE THAT MATURE PLANTINGS DO NOT EXCEED 600mm IN HEIGHT.

4. REVIEW SPEED CONTROLS ON APPROACHES AND REDUCED SPEED LIMITS OR REVERSE CURVE GEOMETRY. IF REQUIRED REFER TO DRG No 200331-0203.

5. SET OUT GIVE WAY LINES AS PER THE DETAIL.

6. WHERE APPLICABLE, TERMINATE THE SEALED SHOULDER BEFORE AND AFTER THE ROUNDABOUT AS SHOWN IN THE DETAIL.

7. START SPECIAL PURPOSE LINE FROM A LINE DRAWN TANGENTIALLY FROM THE CENTRAL ISLAND TO THE SPLITTER ISLAND EXIT EDGE LINE AT THE PREVIOUS EXIT.

8. END SPECIAL PURPOSE LINE A MINIMUM OF ONE LINE MODULE (12m) PAST THE EXIT MEDIAN KERB NOSING.

9. REFER TO MRWA SUPPLEMENT TO: "AUSTRROADS GUIDE TO ROAD DESIGN PART 4B", FOR EXAMPLES OF ALTERNATIVE LANE CONFIGURATIONS.

10. INSTALL WHITE UNIDIRECTIONAL RRPMS TO BROKEN LANE LINES AS PER DRG No. 203113-0026 AND MAIN ROADS WA WARRANTS.

11. FOR DETAILS OF OUTLINE MARKING OFFSETS FROM MEDIANS REFER TO MRWA PAVEMENT MARKING GUIDELINES.

12. FOR LOCATION OF ADVANCE WARNING SIGNS MR-WDAD REFER TO TABLE 1.

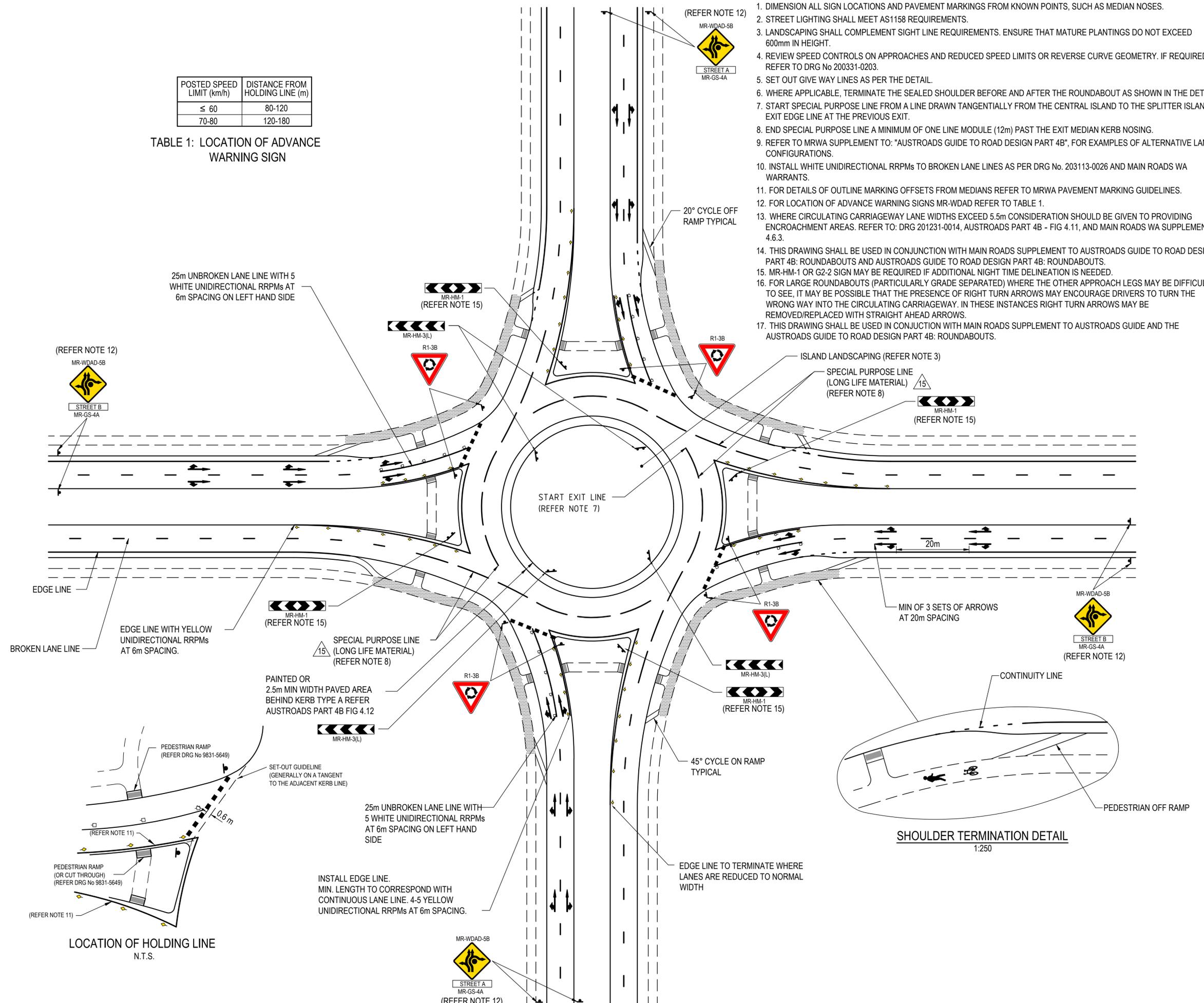
13. WHERE CIRCULATING CARRIAGEWAY LANE WIDTHS EXCEED 5.5m CONSIDERATION SHOULD BE GIVEN TO PROVIDING ENCROACHMENT AREAS. REFER TO: DRG 201231-0014, AUSTRROADS PART 4B - FIG 4.11, AND MAIN ROADS WA SUPPLEMENT 4.6.3.

14. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS AND AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.

15. MR-HM-1 OR G2-2 SIGN MAY BE REQUIRED IF ADDITIONAL NIGHT TIME DELINEATION IS NEEDED.

16. FOR LARGE ROUNDABOUTS (PARTICULARLY GRADE SEPARATED) WHERE THE OTHER APPROACH LEGS MAY BE DIFFICULT TO SEE, IT MAY BE POSSIBLE THAT THE PRESENCE OF RIGHT TURN ARROWS MAY ENCOURAGE DRIVERS TO TURN THE WRONG WAY INTO THE CIRCULATING CARRIAGEWAY. IN THESE INSTANCES RIGHT TURN ARROWS MAY BE REMOVED/REPLACED WITH STRAIGHT AHEAD ARROWS.

17. THIS DRAWING SHALL BE USED IN CONJUNCTION WITH MAIN ROADS SUPPLEMENT TO AUSTRROADS GUIDE AND THE AUSTRROADS GUIDE TO ROAD DESIGN PART 4B: ROUNDABOUTS.



LEGEND

SHARED PATH



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DRAWN	D. NICHOLLS
DESIGNED	D. NICHOLLS
VERIFIED	B. SNOOK 12/8/05
APPROVED	R. GROVE 15/8/05
FILE NO.	13/4331

GUIDELINE DRAWING
DESIGN GUIDELINES
DUAL LANE ROUNDABOUTS
STEP 4 OF 4

MRWA DRAWING NUMBER
200331-0202-15

SCALES
1:500
A 1